

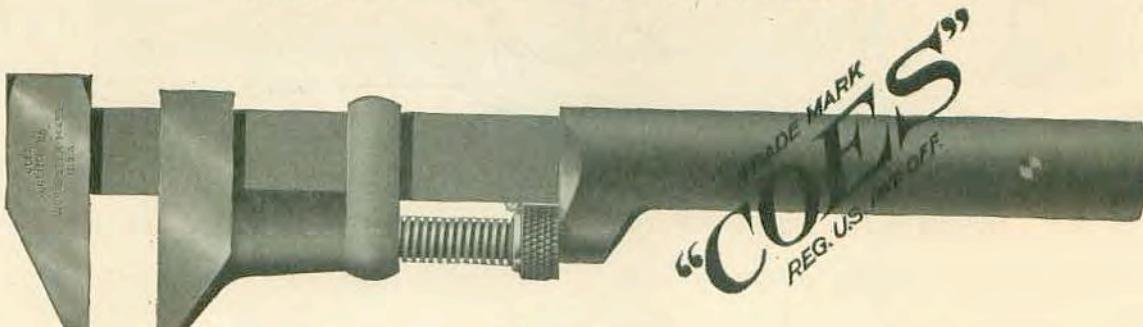
JOHN H. GRAHAM &amp; CO. DIRECT REPRESENTATIVES

## COES WRENCH CO.

Established 1841

Manufacturers of

## Genuine Coes Screw Wrenches

Steel  Handle

**Popular Demand**—The railroad wrench par excellence. Now adopted by the largest roads and manufacturers.

6-inch, 8-inch and 10-inch sizes made with standard bar slot for screw.

12-inch, 15-inch, 18-inch and 21-inch made with ball-bearing screw and extended screw support.

**Bar**—Steel, cold swaged and fully hardened. The stiffest bar made in any line.

**Jaw**—Extra heavy, semi-steel and hardened.

**Screw**—Steel, hardened and in the ball-bearing sizes, with polished and hardened ball race.

**Ball**—First quality standard bearing ball. Fully hardened.

**Handle**—Semi-steel casting. (Design and method patented.) Internally supported and retained by cross riveting and by extension of bar through handle and riveting same. This wrench tests 35 per cent stronger than any wrench made by competitors, and, owing to being heavier than our K. H. model, about 15 per cent stronger than that regular model.

**Service**—Made for use in extra difficult service, and in exposed places, where heat or damp would injure a wood handle.

Purposely made heavier for this duty and for special adaptation to railroad work.

**Guarantee**—Warranted free from mechanical defects and both wrench and trade name registered and each wrench stamped with maker's name, etc.

**Inspection**—All goods subject to eleven inspections in factory and five in finishing and packing rooms.

This cut shows the parts of the Steel  Handle Wrench. It is made up of five solid parts.

The jaw and bar are hardened to resist wear, as is the ball race and ball, which is shown in place in the bar. The wrench is assembled by pressure and the handle is retained by a cross rivet and by riveting the end of the bar where it comes through the handle shell.

## Section of Handle



Showing Internal Support of Steel Shell

It is not amiss to call the attention of the trade to the fact that jaw and screw are *each* "one piece parts." That is, the jaw is not made of a casting, plus two rivets or plus two rivets and a bar introduced to cover mechanical faults in design. The screw is one piece and not a screw plus a moving dowel and a hidden spring. This is a feature the trade has overlooked, but it means much increased life and better service.

## Price List

## STEEL HANDLE WRENCHES

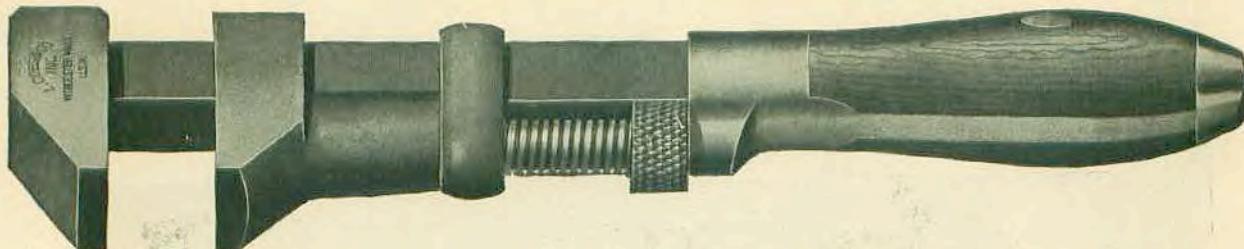
Size Inches	Full	Contents of Cases	Per Dozen
		Half	Extra
6	6 dozen	3 dozen	..... \$15.00
8	6 "	3 "	..... 18.00
10	6 "	3 "	9 dozen 22.00
12*	6 "	3 "	4 " 28.00
15*	3 "	1½ "	2 " 38.00
18*	2 "	1 "	..... 48.00
21*	1 "	½ "	..... 58.00

\* Ball Bearing.—Sizes 12, 15, 18 and 21 inch are supplied with Ball Bearing Screws.

TRADE

## Coes' Genuine "Knife-Handle" Model Wrench

MARK



**Distinctive Features**—An improvement of nearly every feature of the first and original type of "Knife-Handle" Wrench. No feature in this wrench is used in the imitations and each exclusive feature of handle and construction is the result of experiment and test.

**Handle**—Cast semi-steel frame, hardwood sides, secured at both ends by insertion under metal and riveted under pressure. The soundest, strongest wood handle made.

**Screw**—Steel, hardened and in one piece. Imitations are sometimes in two or three parts.

**Jaw**—Semi-steel casting. Hardened.

**Bar**—Steel, of special analysis and fully hardened. All parts interchangeable. Ten to fifteen per cent stronger than any imitation or substitute made by others.

**Guarantee**—Warranted free from mechanical defects, each wrench being stamped with maker's name.

**Inspection**—All goods subject to eleven inspections in factory and five in finishing and packing rooms.

**General Construction**—The Coes Knife-Handle wrench is assembled and riveted under pressure.

All wearing parts are fully hardened. The wood sides of the handle are held by and inserted beneath iron at *both* ends and by cross rivet.

### Section of Handle



This Sectional Cut shows the Construction of the Coes Genuine Knife Handle—the strongest Wood Handle that is made.

### Price List

#### "KNIFE-HANDLE"—BLACK FINISH

Size Inches	Contents of Cases			Per Dozen
	Full	Half	Extra	
6	6 dozen	3 dozen	.....	\$15.00
8	6 "	3 "	.....	18.00
10	6 "	3 "	.....	22.00
12	6 "	3 "	4 dozen	28.00
15	3 "	1½ "	2 "	38.00
18	2 "	1 "	.....	48.00
21	1 "	½ "	.....	58.00

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## Coes Key Model, 1919 Type Wrench

**Purpose:** This wrench was designed to fill the gap between the 21-inch and the heavy spanner wrench for large work. It will not batter and jam a large nut as will a chain wrench. It will not slip or make trouble and will take anything within its opening capacity no matter whether square or hexagon.

**Material:** Made of heavy steel forgings, fully hardened, and each wrench tested before shipping, to assure freedom from flaws.

**Efficiency:** In the Key Model wrench we have the finest engine room tool ever made. It is self-contained. The key cannot come off, and the two positions for jaw strap assure its going into corners without trouble.

**Guarantee**—Warranted free from mechanical defects. Patented and registered. Each wrench stamped with maker's name, etc.

### Price List

**28-inch** wrench takes a hexagon nut union on 4-inch pipe. Opens  $5\frac{1}{2}$  inches. Length, 28 inches over all. Weight, 19 pounds. Two positions for strap. List, each, **\$18.00**

**36-inch** wrench takes a hexagon nut union on 5-inch pipe. Opens  $6\frac{1}{4}$  inches. Length 36 inches, over all. Weight, 27 pounds. Two positions for strap. List, each, **\$38.00**

**48-inch** wrench takes a 9-inch hexagon nut. Opens  $9\frac{1}{2}$  inches. Length, 48 inches over all. Weight, 62 pounds. Two positions for strap.

List, each, **\$84.00**

### Larger Size

**72-inch**—We also make, in this model, a wrench to open 12 inches between jaws, having a jaw depth of 7 inches and a total length of 72 inches over all. This size weighs about 195 pounds and is designed for the heaviest duty. Price quoted on application.

